

21. The termite barrier as claimed in claim 1 wherein the mesh sheet is in the form of a roll, whereby a strip of the mesh sheet can be removed from the roll as required.

22. The termite barrier as claimed in claim 1 wherein the mesh sheet comprises a plurality of strips of mesh material, the strips of mesh material being positioned in side-by-side relationship with adjacent edges of the strips overlapping one another and being secured together.

23. The termite barrier as claimed in claim 22 wherein the adjacent edges of the strips are secured together in a multi-fold lap-type joint.

24. The combination as claimed in claim 14 wherein the strip of termite barrier material has between the respective longitudinal marginal edge portions thereof a re-entrant fold which extends longitudinally to provide flexibility and freedom for movement of the concrete slab relative to the adjacent structure without fracture of the strip of termite barrier material.

*Sub A*  
25. A method of termite barrier installation for a building structure, comprising the step of:

during erection of the building structure on a slab of concrete at or near ground level, positioning a sheet in association with at least a portion of the slab, the sheet being formed of a material resistant to breakdown in the environment of use and substantially resistant to termite secretions, the material having a hardness of not less than about

~~Shore D70 for resistance to termite chewing, the sheet having pores wherein each pore has a linear dimension in all directions less than the maximum linear dimension of the cross section of the head of the species of termite to be controlled, to thereby exclude entry of termites into the building structure through said portion of the slab.~~

26. The method of termite barrier installation as claimed in claim 25 wherein the sheet is positioned beneath the slab.

27. The method of termite barrier installation as claimed in claim 26 wherein the slab has a perimeter, wherein the sheet is positioned beneath the slab to extend to the perimeter of the slab in all directions and upwardly about said perimeter to terminate with an outer edge portion of the sheet at a distance above adjacent ground level.

28. The method of termite barrier installation as claimed in claim 27 wherein the outer edge portion of the sheet terminates above the slab.

*Sub A7*  
29. The method of termite barrier installation as claimed in claim 26 wherein the slab is cast in-situ, and wherein the sheet is positioned prior to pouring of concrete over the sheet to cast the slab.

30. The method of termite barrier installation as claimed in claim 29 wherein the sheet completely covers a ground surface area where the slab is to be poured, and further comprising the step of:

~~contouring the sheet to closely follow contours of the ground surface area where the slab is cast.~~

31. The method of termite barrier installation as claimed in claim 25 wherein the sheet is positioned above the slab.

*Sub A*  
32. The method of termite barrier installation as claimed in claim 25 wherein the sheet is embedded in the slab.

33. The method of termite barrier installation as claimed in claim 25 wherein the building structure includes a termite resistant structure adjacent to and non-integral with the slab, and further comprising the step of:

integrally securing an outer edge portion of the sheet to the termite resistant structure.

34. The method of termite barrier installation as claimed in claim 33, wherein the integrally securing step comprises:  
adhesively bonding the outer edge portion of the sheet to the termite resistant structure.

35. The method of termite barrier installation as claimed in claim 34, wherein the bonding is achieved using a bonding material which is resistant to termites.

36. The method of termite barrier installation as claimed in claim 33, wherein the integrally securing step comprises:  
mechanically fixing the outer edge portion of the sheet to the termite resistant structure.

37. The method of termite barrier installation as claimed in claim 33, wherein the termite resistant structure is of concrete, and wherein the integrally securing step comprises:

casting the termite resistant structure in-situ such that the outer edge portion of the sheet is embedded into the termite resistant structure.

38. The method of termite barrier installation as claimed in claim 33, wherein the termite resistant structure is a wall of brick, and wherein the integrally securing step comprises:

constructing the wall of brick with the outer edge portion of the sheet embedded in the wall between two layers of bricks.

39. The method of termite barrier installation as claimed in claim 25 comprising the further steps of:

forming at least a portion of the sheet into a termite barrier flange; and

clamping the termite barrier flange in pressure engagement about a perimeter of a member projecting through the slab.

40. The method of termite barrier installation as claimed in claim 39 wherein the termite barrier flange is formed by cutting an opening in the sheet, said opening having a perimeter smaller than the perimeter of the member, and stretching and deflecting a marginal area of the sheet about the opening to form the termite barrier flange about the member.

41. A method of termite barrier installation in a building

structure erected on a concrete slab at or near ground level and having an adjacent structure which is non-integral to the concrete slab and is termite resistant, the method comprising the steps of:

integrally securing a first marginal edge portion of a strip to a portion of the slab, the strip being formed of a material resistant to breakdown in the environment of use and substantially resistant to termite secretions, the material having a hardness of not less than about Shore D70 for resistance to termite chewing, the strip having pores wherein each pore has a linear dimension in all directions less than the maximum linear dimension of the cross section of the head of the species of termite to be controlled, the strip having a second marginal edge portion opposite the first marginal edge portion; and

integrally securing the second marginal edge portion of the strip to the adjacent structure, to thereby provide integrity between the slab and the adjacent structure against passage of termites and thereby exclude entry of termites into the building structure.

42. The method of termite barrier installation as claimed in claim 41 wherein the strip is integrally secured to the slab by adhesive bonding.

43. The method of termite barrier installation as claimed in claim 42, wherein the bonding is achieved using a bonding material which is resistant to termites.

44. The method of termite barrier installation as claimed in

claim 41 wherein the strip is integrally secured to the slab by mechanical fixing.

45. The method of termite barrier installation as claimed in claim 41 wherein the strip is integrally secured to the adjacent structure by adhesive bonding.

46. The method of termite barrier installation as claimed in claim 45, wherein the bonding is achieved using a bonding material which is resistant to termites.

47. The method of termite barrier installation as claimed in claim 41 wherein the strip is integrally secured to the adjacent structure by mechanical fixing.

48. The method of termite barrier installation as claimed in claim 41 wherein the slab is cast in-situ and wherein the strip is integrally secured to the slab by embedding the first marginal edge portion into the slab during casting.

49. The method of termite barrier installation as claimed in claim 41 wherein the adjacent structure is cast in-situ and wherein the strip is integrally secured to the adjacent structure by embedding the second marginal edge portion into the adjacent structure during casting.

50. The method of termite barrier installation as claimed in claim 41 wherein the adjacent structure comprises a wall of brick construction and wherein the strip is integrally secured to the adjacent structure by embedding the second marginal edge portion

in the wall between two layers of bricks.

51. A method of termite barrier installation for a building structure, comprising the steps of:

positioning a termite barrier flange around a member projecting through a slab of concrete at or near ground level, the termite barrier flange comprising an inner peripheral portion defining an opening for the member and an outer peripheral portion extending from the inner peripheral portion;  
establishing a seal against the passage of termites between the inner peripheral portion and the member; and  
integrally securing the outer peripheral portion to the slab, such that the termite barrier flange protects against the passage of termites between the slab and the member projecting therethrough.

52. The method of termite barrier installation as claimed in claim 51 wherein the termite barrier flange is formed of a mesh material resistant to breakdown in the environment of use and substantially resistant to termite secretions, the mesh material having a hardness of not less than about Shore D70 for resistance to termite chewing, the mesh material having pores wherein each pore has a linear dimension in all directions less than the maximum linear dimension of the cross section of the head of the species of termite to be controlled.

53. The method of termite barrier installation as claimed in claim 51 wherein the slab is cast in-situ and wherein the termite barrier flange is integrally secured to the slab by embedding the

outer peripheral portion into the slab during casting.

54. The method of termite barrier installation as claimed in claim 51 wherein the seal is established by clamping the inner peripheral portion in pressure engagement with the member about a perimeter of the member.

55. A method of termite barrier installation for a building structure, comprising the step of:

during erection of the building structure on a foundation structure, covering the foundation structure with a termite barrier flange, the termite barrier flange being formed of a material resistant to breakdown in the environment of use and substantially resistant to termite secretions, the material having a hardness of not less than about Shore D70 for resistance to termite chewing, the material having pores wherein each pore has a linear dimension in all directions less than the maximum linear dimension of the cross section of the head of the species of termite to be controlled, to thereby exclude entry of termites into the building structure through said foundation structure.

56. A termite barrier flange for preventing passage of termites between a cast concrete slab and a member projecting through the slab, said termite barrier flange comprising a body having an inner peripheral portion defining an opening in which the member is received and an outer peripheral portion adapted to be integrally secured to the slab.

57. The termite barrier flange as claimed in claim 56 wherein the outer peripheral portion comprises perforations adapted to be embedded in the slab during pouring of the slab for integrally securing the outer peripheral portion to the slab.

58. The termite barrier flange as claimed in claim 56 wherein the inner peripheral portion comprises a cylindrical sleeve adapted to be clamped in pressure engagement with the member about a perimeter of the member.

59. The termite barrier flange as claimed in claim 58 further comprising a clamp for clamping the cylindrical sleeve in pressure engagement with the member.

60. The termite barrier flange as claimed in claim 56 wherein the outer peripheral portion extends radially outward from the inner peripheral portion.

61. The termite barrier flange as claimed in claim 56 wherein the body is formed from a material substantially resistant to termite secretions and having a hardness of not less than about Shore D70 for resistance to termite chewing, the material having pores wherein each pore has a linear dimension in all directions less than the maximum linear dimension of the cross section of a head of a species of termite to be controlled.

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